COMPUTER PROGRAMER

DO YOU LIKE:
- Using the latest computer technology?
- Designing new things?
- Working on a team?
- Thinking critically to solve problems?

Title	Entry Wage	Average	Medium	Middle Range	Training
Computer Programmer	$15.10	$27.80	$26.70	$18.30-$37.00	Bachelor's Degree

JOB OUTLOOK

Job growth is expected to be slower for computer programmers than for other computer occupations. Prospects should be best for college graduates with knowledge of a variety of programming languages and tools; those with less formal education or its equivalent in work experience should face strong competition for programming jobs. In Utah, this occupation is expected to grow 2.2% and have about 200 openings annually.

JOB DESCRIPTION

- Write, test and maintain computer programs
- Write programs according to the specifications determined primarily by computer software engineers and systems analysts.
- Codes instructions for the computer to follow into a programming language, such as COBOL, Prolog, Java, C++, or Smalltalk. Different programming languages are used depending on the purpose of the program.
- Test a program by running it to ensure that the instructions are correct and that the program produces the desired outcome. Make appropriate changes if program doesn't work correctly

COMPUTER PROGRAMMER

WORKING CONDITIONS

Programmers generally work in offices in comfortable surroundings. Many programmers may work long hours or weekends to meet deadlines or fix critical problems that occur during off hours. Given the technology available, telecommuting is becoming common for a wide range of computer professionals, including computer programmers. As computer networks expand, more programmers are able to make corrections or fix problems remotely by using modems, e-mail, and the Internet to connect to a customer's computer.

Like other workers who spend long periods in front of a computer terminal typing at a keyboard, programmers are susceptible to eyestrain, back discomfort, and hand and wrist problems, such as carpal tunnel syndrome.

EMPLOYER REQUIREMENTS

· Basic programming skills
· Internet skills
· SQL knowledge
· Database knowledge

FOR TRAINING

Most jobs in this occupation require a Bachelor's Degree.

For more information on obtaining a Bachelor's Degree contact your local college or university or contact applied technology centers.

Related Job Info: http://careers.utah.gov
http://jobs.utah.gov

Build your own
Computer Programmer
Career Ladder

Utah's Job Connection

Picture yourself here!

Occupation

Average entry wage per hour: $

Required training/experience:

Target completion date:

Training institution:

Funding:

Occupation

Average entry wage per hour: $

Required training/experience:

Target completion date:

Training institution:

Funding:

Occupation

Average entry wage per hour: $

Required training/experience:

Target completion date:

Training institution:

Funding:

Occupation

Average entry wage per hour: $

Required training/experience:

Target completion date:

Training institution:

Funding:

NOTES: